

**Listing of Claims:**

Claims 1-29 (Canceled).

30. (Currently Amended) ~~The A joint box according to claim~~  
~~20,~~ comprising:

a plurality of circuit boards, each comprising:

a resin plate having anchor pins projecting from a  
5 surface thereof, wherein the resin plate includes a plurality of  
terminal receiving holes, and welding holes provided adjacent to  
the plurality of terminal receiving holes;

a circuit pattern that is punched out of a metal foil  
10 provided on said resin plate, wherein said metal foil has pin  
receiving holes into which said anchor pins of said resin plate  
are inserted; and

a plurality of metal tubular reception terminals which  
are provided in the plurality of terminal receiving holes of the  
resin plate, wherein said tubular reception terminals include tab  
15 portions which are fixed on said circuit pattern by welding;

wherein a plurality of said circuit boards in which said tab  
portions are fixed to said circuit pattern are stacked to  
communicate respectively at said plurality of terminal receiving  
holes; and

20        wherein a stack of said circuit patterns of said circuit  
boards are electrically connected to each other through said  
reception terminals by penetrating insertion terminals into said  
reception terminals in said terminal receiving holes;  
wherein said circuit boards include protrusions and  
25        depressions and are stacked by clamping corresponding protrusions  
and depressions on one another;  
wherein said insertion terminals comprise a first pin-shaped  
inserting end and a second connecting terminal end; and  
      wherein said insertion terminals are secured to at least one  
30        block body comprising electrically insulating synthetic resin by  
fixing middle portions of the insertion terminals between the  
inserting ends and connecting ends to fitting holes formed in  
said block body, and wherein said block body is placed on one  
surface of the stack of circuit boards to simultaneously insert  
35        said inserting ends of the insertion terminals into said terminal  
receiving holes formed in the circuit boards.

31. (Currently Amended) ~~The A joint box according to claim~~  
~~29,~~ comprising:

a plurality of circuit boards, each comprising:  
      a resin plate having anchor pins projecting from a  
5        surface thereof, wherein the resin plate includes a plurality of

terminal receiving holes, and welding holes provided adjacent to the plurality of terminal receiving holes;

10       a circuit pattern that is punched out of a metal foil provided on said resin plate, wherein said metal foil has pin receiving holes into which said anchor pins of said resin plate are inserted; and

15       a plurality of metal tubular reception terminals which are provided in the plurality of terminal receiving holes of the resin plate, wherein said tubular reception terminals include tab portions which are fixed on said circuit pattern by welding;

wherein a plurality of said circuit boards in which said tab portions are fixed to said circuit pattern are stacked to communicate respectively at said plurality of terminal receiving holes; and

20       wherein a stack of said circuit patterns of said circuit boards are electrically connected to each other through said reception terminals by penetrating insertion terminals into said reception terminals in said terminal receiving holes;

wherein said circuit boards include protrusions and depressions and are stacked by clamping corresponding protrusions and depressions on one another;

wherein said insertion terminals comprise a first pin-shaped inserting end and a second connecting terminal end;

wherein said inserting end has a rectangular cross section;  
and

wherein said insertion terminals are secured to at least one block body comprising electrically insulating synthetic resin by fixing middle portions of the insertion terminals between the inserting ends and connecting ends to fitting holes formed in said block body, and wherein said block body is placed on one surface of the stack of circuit boards to simultaneously insert said inserting ends of the insertion terminals into said terminal receiving holes formed in the circuit boards.

32. (Previously Presented) The joint box according to claim 30, wherein a plurality of anchor pins are provided on a bottom surface of said block body and are inserted into the pin receiving holes formed in the stack of circuit boards, and  
5 wherein the stacked circuit boards are fixed to one another by fusing end portions of the anchor pins of said block body.

33. (Previously Presented) The joint box according to claim 31, wherein a plurality of anchor pins are provided on a bottom surface of said block body and are inserted into the pin receiving holes formed in the stack of circuit boards, and  
5 wherein the stacked circuit boards are fixed to one another by fusing end portions of the anchor pins of said block body.